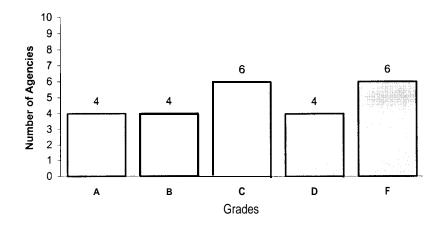**Agency Grade Distribution**

Please sign your Report Card and have your Departmental Secretary or Agency Director sign to designate awareness of your progress this grading period:

_____

Department or Agency Chief Information Officer

_____

Department Secretary or Agency Director

REPORT CARD

YEAR 2000 PROGRESS

for

Federal Departments and Agencies

Overall Grade is F

YEAR 2000 PROGRESS

Mission Critical and Additional | **Y2K Criteria of the largest Federal...**

Agency	97 Sept 15	98 Feb 15		98 May 1	2000 Final Exam
SSA — Social Security Administration	A-	A		A+	
GSA — General Services Administration		B	C	A-	
FEMA — Federal Emergency Management Agency		C	D-	A-	
NSF — National Science Foundation		B	A	A-	
Commerce — Department of Commerce		D	B	**B**	
SBA — Small Business Administration		B	B	**B**	
NASA — National Aeronautics and Space Admin		D-	D	**B**	
NRC — Nuclear Regulatory Commission		D	C-	**B**	
Treasury (held back by FMS) — Department of the Treasury		ID-	D	C	
HUD — Dept of Housing and Urban Development		C	B	C	
Labor — Department of Labor		C	F	C	
VA — Department of Veterans Affairs		**C**	A	**C**	
OPM — Office of Personnel Management		D	B	**C-**	
Interior — Department of the Interior		c	c-	**C-**	

Agriculture — Department of Agriculture

DOD — Department of Defense

Justice — Department of Justice

Education — Deoartment of Education

EPA — Environmental Protection Agency

State — Department of State

HHS — Dept of Health and Human Services

DOE — Department of Energy

DOT — Department of Transportation

AID — Agency for International Development

Administration Overall — Federal Departments and Agencies

Prepared for Subcommittee Chairman Stephen... Technology. Issued June 2, 1998 based on age... Subcommittee Home Page on the Internet: **http**

How Grades were Assigned

The primary determinant of grades is Mission-Critical Systems- specifically, the estimated completion date based upon agency self-reported current rate of progress.

Finishing before the OMB deadline of March 31, 1999 earns a base grade of A. Finishing in the year 2000 or 2001 is a base grade of C. 2002 is a base grade of D. And, anything over 2002 is an F. If there was such a thing as an F minus, AID clearly deserves it for its current progress – hopefully, they will improve next quarter.

We considered failing every agency with an estimated end date after the deadline, however, the estimated end dates are just that – estimates. We hope that agencies will improve their rates of progress and move from an estimated 2001 to successful completion before the deadline. Obviously, those agencies estimated to finish in 2001 have further to go than those estimated to finish in 2000.

There are four additional factors that lowered agency grades from their base grade:

1. Contingency Plans – agencies should have at least basic contingency plans in place already. Many agencies have made the fundamental error of preparing contingency plans only for those systems they know will be late. We and GAO insist that agencies prepare contingency plans that assume systems failures and still maintain basic operations. These plans are being called business continuity plans to distinguish them from current weak agency contingency plans.

2. Telecommunications Systems – In-house PBXs, LAN/WAN, and commercial switched networks are all vulnerable to Y2K problems. By now all agencies should have completed a thorough inventory and assessment of all telecommunications systems. We would expect a reasonable percentage to now be compliant and a realistic plan in place for the remainder.

3. Embedded Systems -- Microprocessor chips of various types are often built in (embedded) to control devices. They may measure such basic things as gallons per minute of water flowing through a pipe or read magnetic strips in security badges. Many embedded chips that have no overt date dependencies nonetheless use date related calculations. Unfortunately, the only way to know whether or not most embedded chips are compliant is to test them. Agencies should have a complete inventory of all embedded chips, know the compliance of a reasonable percentage thereof, and have a remediation plan in place.

4. External Data Exchange -- Like "no man is an island," so too, few computer systems are self-contained. Most computer systems exchange data with other computer systems. It is unfortunately easy for external data that is not Y2K compliant to corrupt another computer system that is Y2K compliant. All agencies should have a complete inventory of all data exchanges, with emphasis on external data exchanges, know which are compliant, and have a plan in place for the remainder.

Examples:
Social Security is projected to finish in 1999 with 100 percent of their mission-critical systems compliant by March 1999. Further, they have good business continuity contingency plans and a good knowledge of the status of all their external data exchanges. Plus, they have been very helpful to other agencies on governmentwide Y2K efforts.

HUD is projected to finish in 1999 but only 78 percent of their mission-critical systems will be compliant by OMB's deadline of March 1999. Worse, their contingency plans, embedded systems, and external data exchanges are very weak.

DOE is not projected to finish until 2004 and only 44 percent of their mission-critical systems will be compliant by OMB's deadline of March 1999. To make bad worse, they also have poor contingency plans, telecommunications systems, and embedded systems. If there was such a thing as F minus, DOE has earned it.

YEAR 2000 PROGRESS Federal Departments and Agencies

MISSION-CRITICAL SYSTEMS			ADDITIONAL CRITERIA				
MAY 15, 1998							
TOTAL SYSTEMS Count	ESTIMATED YEAR DONE	DONE by March 1999 Percent	CONTINGENCY PLANS	TELECOM- MUNICATION SYSTEMS	EMBEDDED SYSTEMS	EXTERNAL DATA EXCHANGE	GRADE
SSA Social Security Administration — 308	1999	100%	+	0	0	+	A+
GSA General Services Administration — 58	1999	100%	-	0	0	0	A-
FEMA Federal Emergency Mgmt Agency — 47	1999	100%	0	0	0	-	A-
NSF National Science Foundation — 21	1999	90%	+	+	0	+	A-
Commerce Department of Commerce — 472	1999	100%	-	-	-	0	B
SBA Small Business Administration — 42	1999	100%	-	0	-	-	B
NASA National Aeronautics and Space Admin — 158	1999	75%	+	+	+	+	B
NRC Nuclear Regulatory Commission — 7	1999	71%	+	+	0	+	B
Treasury Department of the Treasury — 323	1999	89%	0	0	-	+	C
HUD Dept of Housing and Urban Development — 63	1999	78%	-	0	-	-	C
Labor Department of Labor — 61	1999	74%	0	-	-	0	C
VA Department of Veterans Affairs — 11	2000	64%	0	0	+	+	C
OPM Office of Personnel Management — 118	2000	61%	0	-	-	0	C-
Interior Department of the Interior — 91	2001	55%	-	0	0	0	C-
Agriculture Department of Agriculture — 1080	2000	58%	-	-	-	0	D
DOD Department of Defense — 2803	2002	46%	0	0	0	0	D
Justice Department of Justice — 197	2000	39%	+	-	-	-	D
Education Department of Education — 14	2002	29%	0	+	0	0	D
EPA Environmental Protection Agency — 61	2006	69%	-	-	0	0	F
State Department of State — 64	2005	50%	0	+	+	0	F
HHS Dept of Health and Human Services — 289	2003	44%	0	-	-	+	F
DOE Department of Energy — 411	2004	44%	-	-	-	+	F
DOT Department of Transportation — 630	2004	35%	-	-	-	-	F
AID Agency for International Development — 7	2019	17%	-	0	0	0	F
TOTAL All Departments and Agencies — 7336		55%	F	D	F	C	F

NOTES: All progress, calculations, and estimates are based on agency self-reported data.

The estimated percentage of Mission-Critical Systems done by March 1999 OMB deadline are based on current agency reported progress rates.
Additional Criteria are rated "plus" if the agency is on schedule for that issue; rated "negative" **if the agency is significantly behind; or** 0 **for neutral.**

Prepared for Subcommittee Chairman Stephen Horn
Subcommittee on Government Management, Information, and Technology

Issued June 2.1998 based on agency data as of May 15.1998
Internet : http://www.house.gov/reform/gmit.htm

MISSION-CRITICAL SYSTEMS ONLY						TOTAL VS COMPLIANCE				DONE by March		999 deadline	
Quarter	Total	Now Compliant	New Replace	New Repair	New Retire	% Done	Quarter Rate	QTRs NEED	END-DATE FORECAST	Percent Done	Percent NOT	Count Done	Count NOT
Agricu■■■ ay-98	1080	430	271	317	62	40%	6.1%	9.8	Ott-00	58%	4 2 %	629	451
■■■ eb-98	1161	391	269	356	145	34%	0.0%	5.4	Jun-99	34%	6 6 %	391	770
Comm■■■ 15-May-98	472	343	57	72	0	73%	9.3%	2 . 9	Feb-99	100%	0 %	472	0
■■■ 15-Feb-98	470	298	62	110	0	63%	1 0 . 0 %	3.6	Jan-99	100%	0%	470	0
Defen■■■ 15-May-98	2803	812	255	1566	170	29%	5.7%	18.81	Dee-02	46%	54%	1295	1508
15-Feb-98	**2915**	706	330	1714	164	24%	1.7%	45.1	Mar-09	31%	69%	902	2013
Education 15-May-98	14	4	2	8	0	29%	0.0%	17.9	Ott-02	29%	71%	4	10
15-Feb-98	14	5	2	7	0	36%	3.9%	16.5	Mar-02	51%	49%	7	7
Energy 15-May-98	411	**149**	131	119	12	36%	2.5%	25.8	Sep-04	44%	56%	179	232
15-Feb-98	370	i25	114	120	11	34%	5.0%	14.5	Sep-01	54%	46%	199	171
HHS 15-May-98	289	98	62	129	0	34%	3.5%	19.1	Jan-03	44%	56%	128	161
15-Feb-98	491	187	113	178	13	38%	5.0%	12.2	Feb-01	58%	42%	285	206
HUD 15-May-98	63	31	11	21	0	49%	9.5%	5.3	Sep-99	78%	22%	49	14
15-Feb-98	63	25	12	23	3	40%	11.0%	5.7	Jul-99	84%	16%	53	10
Interior 15-May-98	**91**	37	11	43	0	41%	4.9%	12.2	May-01	55%	45%	50	41
15-Feb-98	95	34	13	48	0	36%	7.5%	8.5	Mar-00	66%	34%	63	32
Justice 15-May-98	197	57	10	130	0	29%	3.5%	9.3	Sep-00	39%	61%	77	120
15-Feb-98	187	61	16	110	0	33%	6.0%	11.1	Nov-00	57%	43%	106	81
Labor 15-May-98	61	21	18	22	0	34%	13.1%	5.0	Aug-99	74%	26%	45	16
15-Feb-98	61	13	22	26	0	21%	2.2%	36.4	Feb-07	30%	70%	18	43
State 15-May-98	64	24	27	13	0	38%	4.2%	30.0	Ott-05	50%	50%	32	32
15-Feb-98	78	26	30	22	0	33%	1.0%	66.7	Jul-14	37%	63%	29	49
DOT 15-May-98	630	162	69	297	27	26%	3.0%	24.6	Jun-04	35%	6 5 %	**219**	411
15-Feb-98	617	140	59	321	6	23%	4.0%	22.0	Jul-03	39%	61%	239	378
Treasury 15-May-98	323	125	46	150	2	39%	1 6 . 7 %	3 . 7	Apr-99	89%	11%	287	36
15-Feb-98	327	72	45	206	4	22%	5.0%	14.2	Aug-01	42%	58%	137	190
VA 15-May-98	11	2	0	9	0	47%	6.0%	8.8	Jul-00	65%	35%	7	4
15-Feb-98	11	1	0	10	0	41%	1 6 . 0 %	3 . 6	Jan-99	100%	0%	11	0
Department 15-May-98	6509	2295	699	2896	273	35%	4.9%	Department		50%	50%	3248	3261
Totals 15-Feb-98	6860	2084	1087	3251	346	30%	5.6%	Sub-Totals		53%	47%	3621	3239

MISSION-CRITICAL SYSTEMS ONLY						TOTAL VS COMPLIANCE				DONE by March		999 deadline	
	Quarter	Total	Now Compliant	New Replace	New Repair	New Retire	% Done	Quarter Rate	QIRs NEED	END-DATE FORECAST	Percent Done	Percent NOT	Count Done	Count NOT
AID	15-May-98	7	1	2	4	0	14%	1.0%	85.7	Jun-19	17%	83%	1	6
	15-Feb-98	7	1	2	3	1	14%	6.3%	13.6	Jun-01	39%	61%	3	4
EPA	15-May-98	61	40	5	14	2	66%	1.0%	34.4	Nov-06	69%	31%	42	19
	15-Feb-98	61	40	5	14	2	66%	6.6%	5.3	Jun-99	92%	8%	56	5
FEMA	15-May-98	47	29	11	7	0	62%	13.8%	2.8	Jan-99	100%	0%	47	0
	15-Feb-98	48	23	15	9	1	48%	4.2%	12.5	Mar-O 1	65%	35%	31	17
GSA	15-May-98	58	39	10	9	0	67%	13.8%	2.4	Dee-98	100%	0%	58	0
	15-Feb-98	58	31	17	9	1	53%	3.4%	13.5	Jun-01	67%	33%	39	19
NASA	15-May-98	158	79	6	69	4	50%	8.2%	6.1	Nov-99	75%	25%	118'	40
	15-Feb-98	158	66	8	81	3	42%	4.0%	13.1	May-O 1	58%	42%	91	67
NSF	15-May-98	21	10	1	6	4	48%	14.3%	3.7	Apr-99	90%	10%	19	2
	15-Feb-98	21	7	2	8	4	33%	21.0%	3.2	Nov-98	100%	0%	21	0
NRC	15-May-98	7	2	2	3	0	29%	14.3%	5.0	Aug-99	71%	29%	5	2
	15-Feb-98	7	1	3	3	0	14%	0.0%	11.0	Nov-00	14%	86%	1	6
OPM	15-May-98	118	40	12	64	2	34%	8.9%	7.4	Mar-00	61%	39%	72	47
	15-Feb-98	124	31	12	80	1	25%	6.0%	6.6	Ott-99	49%	51%	61	63
SBA	15-May-98	42	19	0	23	0	45%	20.2%	2.7	Jan-99	100%	0%	42	0
	15-Feb-98	40	10	30	30	0	25%	6.0%	5.8	Jul-99	49%	51%	20	20
SSA	15-May-98	308	284	1	22	1	92%	4.9%	1.6	Ott-98	100%	0%	308	0
	15-Feb-98	308	**269**	4	34	1	87%	7.3%	1.7	Jul-98	100%	0%	308	0
Agency	15-May-98	827	543	50	221	13	66%	8.1%	Agency		90%	10%	744	83
	15-Feb-98	832	479	98	271	14	58%	12.0%	Sub-Totals		100%	0%	832	0
Total	15-May-98	7336	2838	749	3117	286	39%	5.4%	Department&Agency		55%	45%	4019	3317
Totals	15-Feb-98	7692	2563	1185	3522	360	33%	9.4%	Total		71%	29%	5455	2237

NOTE: The basic data source is agency self-reported quarterly Year 2000 progress reports (some inconsistencies could not be resolved).

All systems counts and percentages have been rounded to the precision displayed.

Calculated End-Date is based on current % Done plus current Quarter Rate for Quarters Needed until 100% Done.

Calculated Percent Done/NOT Done also assume the current rate of progress until the OMB deadline of March 31, 1999.

OMB changed agency reporting requirements between Nov 15. 1997 and Feb 15. 1998.

May 1998 AgencyY2K Quarterly ReportData

Agency and Government-wide Summary

Agency	Number Of mission-critical being systems repaired					Percent mission-critical systems complete				Total Y2K cost
	Total No.	Compliant	Replaced	Repaired	Retired	Assessment	Renovation	Validation	Implement.	
Agricukure	1,080	430	271	317	62	100	56	32	31	124.0
AID	7	1	2	4	0	100	14	14	14	39.3
Commerce	472	343	57	72	0	100	67	53	51	83.3
DOD	2,803	812	255	1,566	170	99.6	58.4	23.9	17	1929.0
Education	14	4	2	8	0	100	13	0	0	34.2
Energy	411	149	131	119	12	100	34	25	23	226.2
EPA	61	40	5	14	2	100	77	60	53	26.2
FEMA	47	29	11	7	0	100	57	57	50	15.6
GSA	58	39	10	9	0	100	71	66	55	6.4
HHS	289	98	62	129	0	93	29	17	12	287.8
HUD	63	31	11	21	0	100	51	40	31	47.5
Interior	91	37	11	43	0	100	52	33	27	17.3
Justice	197	57	10	130	0	98	59	32	29	31.7
Labor	61	21	18	22	0	100	25	21	21	26.9
NASA	158	79	6	69	4	100	59	39	32	45.5
NRC	7	2	2	3	0	100	25	25	25	10.9
NSF	21	10	1	6	4	100	83.3	66.7	50	1.4
OPM	118	40	12	64	2	100	35	33	33	6.4
SBA	42	19	0	23	0	100	82	81	81	9.7
SSA	308	284	1	22	1	100	92	89	86	33.2
State	64	24	27	13	0	100	38	23	0	152.9
Transportation	630	237	69	297	27	98.8	25.4	14.9	7.4	182.5
Treasury	323	125	46	150	2	97.5	54.7	39.5	38.3	1450.5
VA	11	2	0	9	0	100	80.8	59.6	41.6	150.0
Total	7,336	2,913	1.020	3.117	'86	--	--		--	4,938.4
Average	--	--	--	--	--	99	51.6	39.4	33.7	--